

Listing of Claims:

1. (Currently Amended) An optoelectronic component ~~with,~~ comprising:

an epitaxial semiconductor layer sequence having an active zone that emits electromagnetic radiation[[,]]; and

at least one electrical contact region having a bonding pad and at least one radiation-transmissive electrical contact layer, which contains ZnO and is electrically conductively connected to an outer semiconductor layer, wherein a surface of said contact layer which is disposed facing away from said outer semiconductor layer is completely or partially free of said bonding pad; and

a watertight material applied to wherever said surface of the contact layer is free of said bonding pad so as to protect the contact layer from moisture is provided with watertight material in such a way that it is adequately protected against moisture.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) The optoelectronic component according to claim 1, wherein the watertight material is a dielectric that is transparent to an electromagnetic radiation emitted by the optoelectronic component.

5. (Original) The optoelectronic component according to claim 4, wherein the dielectric comprises one or more of the substances Si_xN_y , SiO , SiO_2 , Al_2O_3 and SiO_xN_y .

6. (Currently Amended) The optoelectronic component according to claim 1, wherein ~~the~~ a refractive index of the watertight material is less than the refractive index of the contact layer and ~~it~~ is adapted to minimize to the greatest possible extent ~~in particular for a minimization of~~ reflections of ~~the~~ radiation emitted by the optoelectronic component at interfaces with respect to the watertight material.

7. (Currently Amended) The optoelectronic component according to claim 1, wherein the contact layer has a thickness corresponding to about an integer multiple of half ~~the~~ a wavelength of a radiation emitted by the optoelectronic component, and the watertight material has a thickness corresponding to about a quarter of said wavelength.

8. (Currently Amended) The optoelectronic component according to claim 1, wherein ~~the~~ a thickness of the watertight material is about 50 to 200 nm, inclusive ~~including the limits~~.